

BARRIER ALU NET ADHESIVE 300

SELF-ADHESIVE REFLECTIVE VAPOUR
CONTROL MEMBRANE $S_d > 1500 \text{ m}$



RADON
BARRIER



FAST INSTALLATION

The fully self-adhesive surface of the membrane allows fast and safe installation without compromising performance.

REINFORCING GRID

Thanks to its composition, the membrane is not affected by mechanical stress or by staples and nails.

COMPOSITION

top layer

functional aluminised PE film

middle layer

PE reinforcing grid

bottom layer

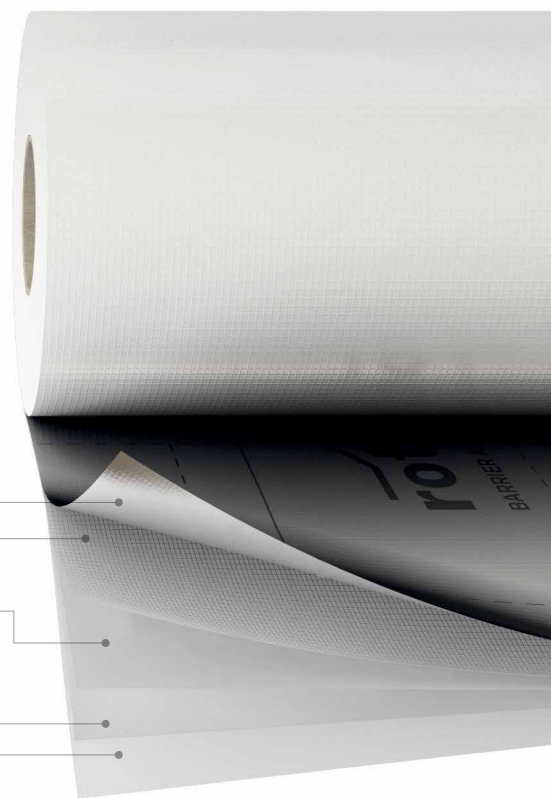
PE film

glue

acrylate dispersion without solvents

release liner

precut removable plastic film



CODES AND DIMENSIONS

CODE	description	mass per unit area [g/m ²]	H	L	A	H	L	A
			[m]	[m]	[m ²]	[ft]	[ft]	[ft ²]
BARALUA300	BARRIER ALU NET ADHESIVE 300	300	1,45	50	72,5	4.8	164	780



REFLECTIVE

Thanks to its ability to reflect up to 70% of the heat, the membrane improves the thermal performance of the construction panels.

MECHANICAL STRENGTH

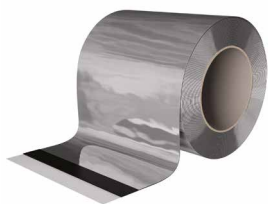
The composition of the product and the reinforcement grid guarantee excellent dimensional stability even with under mechanical stresses.

TECHNICAL DATA

Properties	standard	value	value
Mass per unit area	EN 1849-2	300 g/m ²	0.98 oz/ft ²
Thickness	EN 1849-2	0,5 mm	20 mil
Water vapour transmission (Sd) ⁽¹⁾	EN 1931	4000 m	0.001 US perm
Tensile strength MD/CD	EN 12311-2	>400 / 400 N/50mm	46 / 46 lb/in
Elongation MD/CD	EN 12311-2	>10 / 10 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 300 / 300 N	67 / 67 lbf
Watertightness	EN 1928	conforming	-
Exposure to weather	-	4 weeks	-
Temperature resistance	-	-20 / 80 °C	-4 / 176 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Water vapour resistance:			
- after artificial ageing	EN 1296 / EN 1931	conforming	-
- in the presence of alkalis	EN 1847 / EN 12311-2	npd	-
Thermal conductivity (λ)	-	0,39 W/(m·K)	0.23 BTU/h·ft·°F
Specific heat	-	1700 J/(kg·K)	-
Density	-	approx. 1330 kg/m ³	approx. 0.77 oz/in ³
Water vapour resistance factor (μ)	-	approx. 26000000	approx. 20000 MNs/g
VOC content	-	0 %	-
Reflectivity	EN 15976	approx. 70 %	-
Equivalent thermal resistance with 50 mm air gap (ε _{other surface} 0,025-0,88)	ISO 6946	R _{g,0,025} : 0,801 (m ² K)/W	4.56 h·ft ² ·°F/BTU
		R _{g,0,88} : 0,406 (m ² K)/W	2.30 h·ft ² ·°F/BTU
Adhesion strength on steel at 180°	EN 12316-2	9 N/cm	5.1 lb/in
180° adhesion force on proper support	EN 12316-2	9 N/cm	5.1 lb/in
Storage temperature	-	5 / 25 °C	41/77 °F
Application temperature	-	-5 / 35° C	23/95°F

⁽¹⁾ Sd = 4000 m (- 2500 / + 4000).

RELATED PRODUCTS



ALU BUTYL BAND



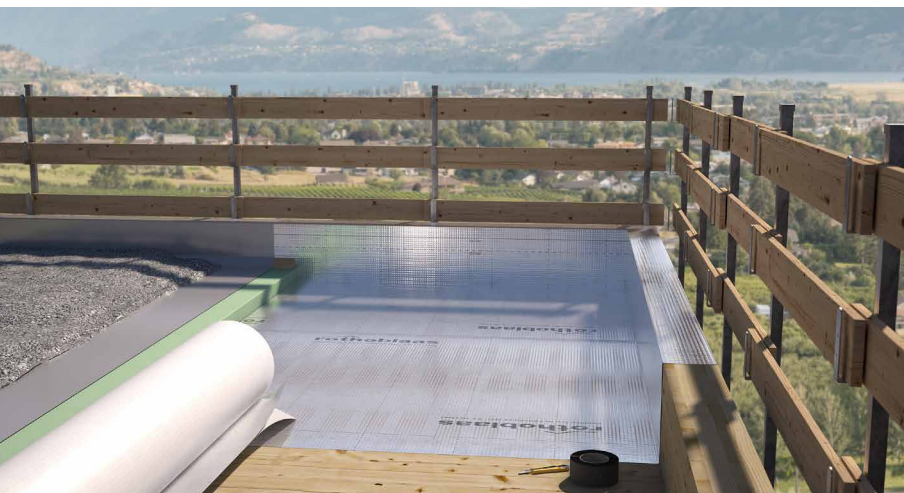
TERRA BAND UV



PRIMER SPRAY



TRASPIR ADHESIVE 260



COMPLETE BARRIER

Maximum resistance to the passage of water vapour and radon gas thanks to its special composition; ideal in combination with TERRA BAND UV and ALU BUTYL BAND for the perfect sealing of joints on site. The membrane, tested according to ISO/TS 11665-13, protects the building's perimeter and foundation structures, while minimising the presence of radon and eliminating health risks.